

# Capital Program Support

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September 2012

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# Sustainability

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## Sustainability

Sound Transit continues to implement our Sustainability Initiative through our internationally certified (ISO 14001) Environmental and Sustainability Management System. For 2012 we have established 12 new Sustainability targets to improve our environmental performance in the areas of energy consumption, natural resources management and waste reduction. The agency also continues to be a transit industry leader through our ongoing participation in the American Public Transportation Association's (APTA's) Sustainability Commitment program.

### Key Q3 2012 Accomplishments and Activities

- Finalized and presented 2011 annual Sustainability Progress Report to the Board of Directors. This report included agency natural resource use data for 2011 as compared to 2010. The report also included the 2011 update to our comprehensive suite of sustainability metrics, as established in our Sustainability Plan.
- Conducted FTA Climate Risk Reduction project Vulnerability Assessment Workshop to evaluate how the agency's customer facilities may be impacted by potential regional climate changes.
- Participated in a Sustainability Workshop at the national APTA Annual Meeting and discussed Sound Transit's award as a Gold level signatory to the APTA Sustainability Commitment; our CEO delivered a presentation on our the award and our Environmental and Sustainability Management System.
- Updated progress on achieving our 2012 Sustainability Targets; progress has been made on achieving a number of targets and the Agency is on schedule to achieve most targets by the end of 2012.
- Continued our "Think Before you Throw" campaign to improve recycling and composting at Sound Transit facilities.

### Upcoming Q4 2012 Activities

- Four additional Vulnerability Assessment Workshops will be performed under the FTA Climate Risk Reduction project to evaluate impact of potential regional climate changes on agency facilities and operations.
- Perform an internal ISO 14001 and compliance audit and complete general awareness training of staff in our Environmental and Sustainability Management System.
- Complete updates to the Operational Control Procedures for the Environmental and Sustainability Management System and integrate into Operations and Design and Construction Management processes.
- Complete our 2012 Sustainability targets.



## Sound Transit 2012 Sustainability Targets

Supporting people, planet and prosperity

### People

#### Live

- Integrate sustainability criteria into interlocal agreements for early planning and transit-oriented development

#### Advocate

- Communicate the agency's positive impact on regional job creation
- Communicate how Sound Transit projects and services enhance the region's air and water quality and respond to climate change

### Planet

#### Save Energy

- Develop a revenue fleet energy efficiency strategy

#### Protect Ecosystems

- Develop a near-term water reduction strategy

#### Use Less, Buy Green

- Increase recycling and waste diversion rates
- Implement a green procurement policy

### Prosperity

#### Connect

- Incorporate sustainability considerations into early planning processes

#### Streamline

- Integrate sustainable design criteria into major capital projects\*
- Enhance "best practices" for sustainable construction\*
- Propose a dedicated funding mechanism to finance select sustainability projects
- Integrate the Environmental and Sustainability Management System into the agency's document control system
- Initiate FTA project to assess climate change impacts to Sound Transit\*

#### Engage

- Streamline staff environmental compliance and sustainability training program

### Ongoing Targets

#### Save Energy

- Complete a near-term energy management strategy for facilities
- Increase facility energy efficiency
- Maximize revenue fleet energy efficiency

#### Protect Ecosystems

- Complete environmental mitigation and revegetation projects at two new sites
- Reduce irrigation water usage

#### Streamline

- Strengthen resource conservation measures in agency design guidelines and specifications

\* 2012 Agency Milestone

# Diversity and Safety

## Diversity Program

### UNIFORM REPORT OF DBE COMMITMENTS/AWARDS AND PAYMENTS\*

For the period of October 1, 2011 thru March 31, 2012

Annual DBE Goals: Race Conscious Goal: 13.09% Race Neutral Goal: 5.30% OVERALL Goal: 18.39%

DBE AWARDS/ COMMITMENTS THIS RE- PORTING PERIOD- BREAKDOWN BY ETHNICITY & GENDER	Black Ameri- can	Hispanic Ameri- can	Native Ameri- can	Subcont. Asian Ameri- can	Asian- Pacific American	Non- Minority Women	Other (i.e. not of any other group listed here)	TOTALS (for this reporting period on- ly)	Year-End TOTALS
10. Total Number of Contracts (Prime and Sub)	2	2	1	2	1	11	4	23	-
11. Total Dollar Value	117,000	591,906	96,439	93,881	13,105	2,213,645	192,386	3,318,362	-

The table reflects DBE commitments and awards for Sound Transit by ethnicity and gender for the period of October 1, 2011 thru March 31, 2012, reported in accordance with FTA's biennial reporting schedule for the first six months of the 2012 federal fiscal year. This table is a combined report of activity for the period on Sound Transit's Annual Agency Goal and University Link Project Goal (multi-year). For the first six-month period of FFY 2012, 14.7% of the combined dollars awarded went to DBEs. Efforts are continuing to increase DBE participation on all contracts.

The U-Link DBE Project Goal is tracked through 2016. As of the latest update report in June 2012, Life-to-Date DBE participation on the U-Link Project is 9.6%, currently exceeding the 7.4% Project Goal.

\*The Uniform Report of DBE Commitments/Awards and Payments is a bi-annual report for the federal fiscal year and is reported to the USDOT through the Federal Transit Administration.

## Construction Contractor Safety

Sound Transit requires all General Contractors to provide monthly safety statistics. Safety statistics are located in the "Construction Safety" sections of the Link Light Rail, Sounder, and Regional Express reports.

## Sound Transit Grants (Includes only Active Executed Grants)

Division	Grant ID	Project	Award Amount	Date Executed	Total Drawdown through Sept 2012
<b>Federal Transit Administration (FTA)</b>					
Link	WA-03-0237	University Link FFGA	\$ 464,218,495	8/8/12	\$ 301,986,715
Sounder	WA-04-0029	Parking @ Puyallup Commuter Rail Station	\$ 772,200	8/19/08	\$ 212,062
System	WA-04-0049	SGR: Transit Asset Management Program (software, consultant)	\$ 1,500,000	4/8/11	\$ -
REX	WA-04-0049,01	SGR: Clean Fuel Bus Replacement	\$ 8,415,000	4/30/12	\$ 6,214,397
Link	WA-04-0076	South Link: S 200th Intermodal Station	\$ 3,000,000	5/15/12	\$ -
Sounder	WA-05-0054	Tukwila Commuter Rail Station - construction	\$ 1,549,947	5/3/11	\$ -
Link	WA-05-0057 ,02	North Link: UW to Northgate Final Design	\$ 22,718,075	9/13/12	\$ 22,120,199
REX	WA-05-0058	I-90 Two-Way Transit Stage 3 Design: Seattle to Mercer Island	\$ 4,706,794	8/15/11	\$ 190,010
Link	WA-05-0059,01	East Link Design	\$ 6,972,000	8/21/12	\$ 2,949,625
Link	WA-26-0021	South Link: South 200th Street Intermodal Station (TCSP)	\$ 1,304,400	3/29/12	\$ -
Systemwide	WA-26-6001	ST Climate Change Adaptation Project	\$ 105,000	1/30/12	\$ -
REX	WA-37-X022	Reverse Commute Marketing Campaign / Hybrid Bus Buy	\$ 1,050,000	9/14/05	\$ 1,003,466
Link	WA-39-0005	NCHCT: Northgate to Lynnwood Alternatives Analysis	\$ 2,000,000	4/7/11	\$ 2,000,000
Link	WA-39-0007	Tacoma / Pierce County High Capacity Transit Alternatives Analysis	\$ 1,461,000	9/10/12	\$ -
REX	WA-58-0002,01	Clean Fuels Bus Procurement	\$ 2,804,258	4/20/11	\$ 2,804,258

# Grants

## Sound Transit Grants (Continued)

Division	Grant ID	Project	Award Amount	Date Executed	Total Drawdown through Sept 2012
Link	WA-79-0001	South Link: SeaTac Airport to S 200th (TIGER)	\$ 10,000,000	9/20/12	\$ -
Link	WA-88-0005	Light Rail Vehicle On-Board Energy Storage	\$ 1,583,085	7/3/12	\$ -
Sounder	WA-90-X241	Everett-Seattle Commuter Rail: Mukilteo Station South Platform Ped Access	\$ 51,113,723	3/27/07	\$ 50,699,372
Sounder	WA-90-X351	Construct Ped Bridge @ Mukilteo Commuter Rail Station	\$ 450,000	4/19/07	\$ -
Link	WA-90-X450	University Link: Right-of-way Acquisition	\$ 3,000,000	8/17/10	\$ 3,000,000
Link	WA-90-X469,02	East Link: Right-of-way Acquisition	\$ 12,000,000	8/27/12	\$ -
Sys-temwide	WA-95-X038	Bike Locker Expansion @ Sounder and Link Stations in King Co	\$ 962,465	3/18/11	\$ 260,150
Link	WA-95-X039	North Link: UW to Northgate Right-of-Way Acquisition	\$ 11,696,520	4/26/12	\$ 11,102,994
Link	WA-95-X040	Airport to S 200th St Right-of-Way Acquisition	\$ 7,000,000	3/10/11	\$ 7,000,000
Sys-temwide	WA-96-X001	ARRA: U Link, Bus Buy, Mountlake Terrace Fwy Stn, Tukwila Stn, M-Lakewood	\$ 23,061,105	5/21/09	\$ 22,248,884
<b>Department of Homeland Security—Transit Security Grant Program</b>					
ALL	2009-RA-T9-0051	DSTT South Portal Barriers, CCTV @ Transit Centers/Stations	\$ 829,280	4/19/10	\$ 384,298
Sounder	2010-RA-T0-0022	CCTV Upgrades for Sounder Stations	\$ 839,884	8/12/10	\$ -
<b>Washington State Department of Transportation—Regional Mobility Grant Program</b>					
Link	GCA6764	South Link: S 200th Station and Park-and-Ride	\$ 5,213,789	6/29/11	\$ -
<b>Other State</b>					
Sounder	G1200415	Sounder Lakewood Layover Yard Wayside Power	\$ 400,000	2/2/12	\$ -
Sounder	TR-120037	Sounder Safety Outreach Campaign	\$ 20,000	3/2/12	\$ -

## Ridership

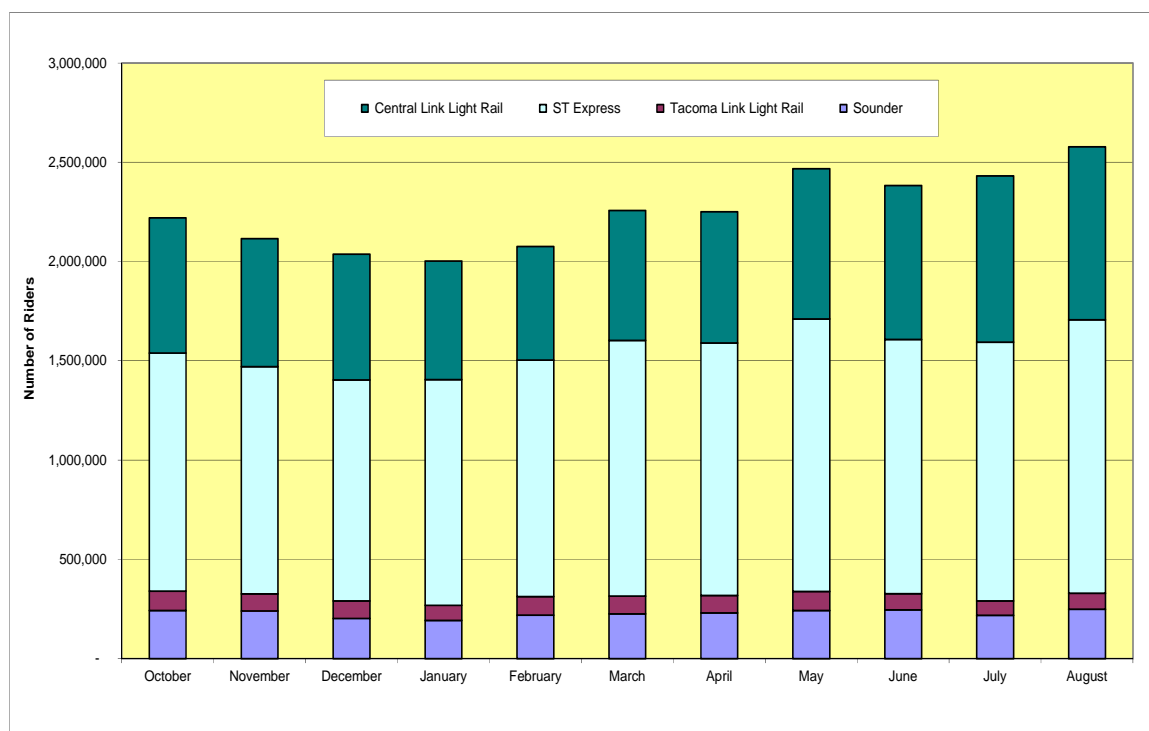
Overall ridership for Sound Transit increased 10.56% over 2011 boardings for the same period.\*

\* October 2011– August 2012

*Link Light Rail*  
Tacoma  
increased 0.61%.  
Central Link  
increased 10.13%.

*Sounder Commuter Rail*  
increased 9.45%.

*Regional Express*  
increased 11.69%.



## Right-of-Way

The program acquisition plan is predominantly for the Link capital program. Of the program total of 1,560 Link light rail parcels certified for on-going projects, 1,343 or 86% are acquired. As of this reporting period, ROW acquisition for all capital programs is 86% complete. (Note: Parcels have not yet been certified for the East and Lynnwood Link Extensions.)

	Certified Parcels	Percent of Program	Completed	Remaining	Percent Complete
<b>Sounder</b>	243	16%	235	8	97%
<b>Link</b>					
Initial	783	50%	766	17	98%
North	231	15%	92	139	40%
South	61	4%	9	52	15%
University	242	16%	241	1	100%
<b>Total</b>	<b>1,560</b>	<b>100%</b>	<b>1,343</b>	<b>209</b>	<b>86%</b>



# Program Cost Summary

## Program Cost

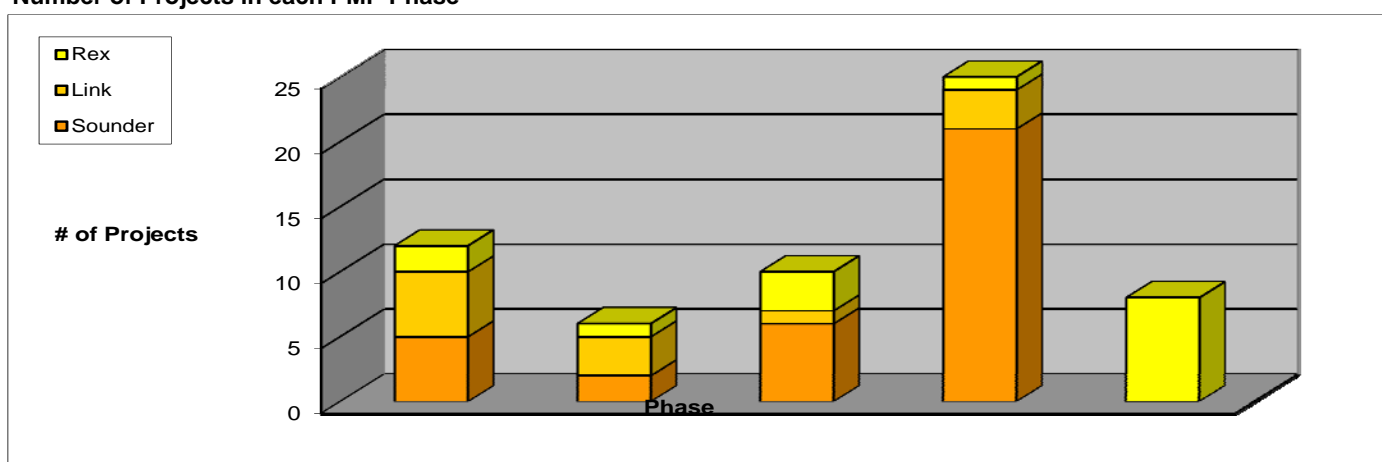
### Program Cost Overview by LOB (\$s in millions)

LOB	Lifetime Budget	Commitment to Date	Incurred to Date *	Forecasts	Estimated Final Cost
LINK	8,113.7	4,401.7	3,906.5	3,493.3	7,867.8
SOUNDER	1,528.7	1,373.0	1,360.4	155.7	1,528.7
REGIONAL EXPRESS	777.4	697.0	663.4	80.4	777.4
<b>PROGRAM TOTAL</b>	<b>10,419.7</b>	<b>6,471.7</b>	<b>5,930.2</b>	<b>3,729.3</b>	<b>10,173.8</b>

\* Incurred to Date column includes payments, accruals, and overhead allocations.

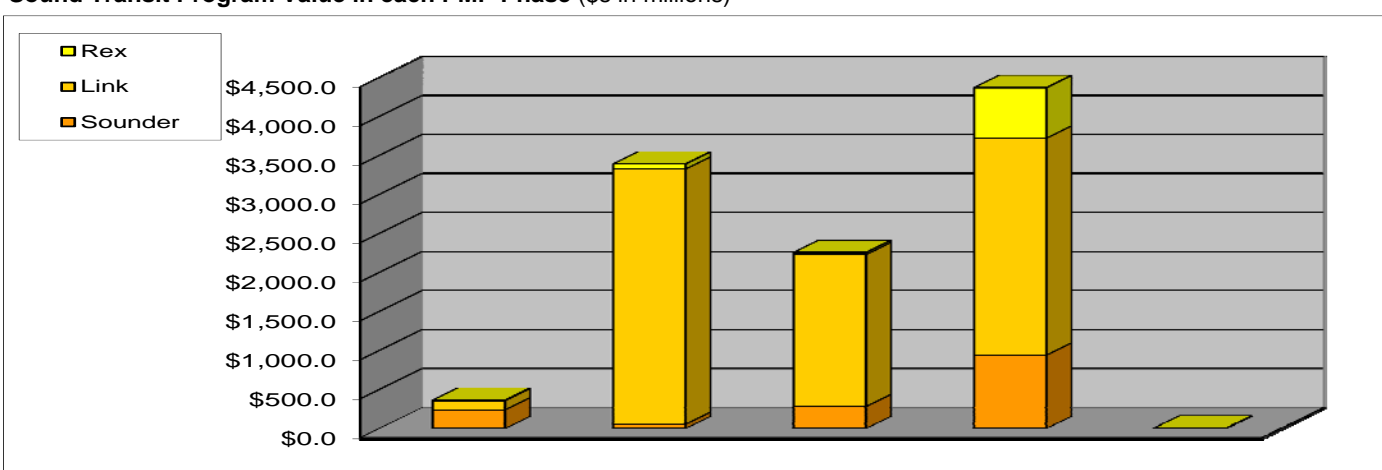
The Program Cost Summary provides the budget and key cost indicators for Sound Transit's Sounder, Regional Express and Link light rail capital programs. The Estimated Final Cost (EFC) is current estimate of the final cost for each line item; these costs are updated monthly and calculated as the sum of Commitments to Date plus Forecasts and Trends. Additional detailed cost information is provided within each capital program's cost overview.

### Number of Projects in each PMP Phase



	Prelim Engineering	Final Design	Construction	In Service	Closed	Total
Number of Projects	12	6	10	65	8	101
Percentage	12%	6%	10%	64%	8%	100%

### Sound Transit Program Value in each PMP Phase (\$s in millions)



	Prelim Engineering	Final Design	Construction	In Service	Closed	Total
Value of Projects	\$365.2	\$3,392.7	\$2,258.3	\$4,371.5	\$8.3	\$10,396.0
Percentage	4%	33%	22%	42%	0.08%	100%

## SOUND TRANSIT STAFFING SUMMARY - September 30, 2012

DEPARTMENT	NUMBER OF POSITIONS	STAFF AS OF 9/30/12	2012 VACANT POSITIONS	HIRING IN PROCESS	VACANCY RATE
COMMUNICATIONS & EXTERNAL AFFAIRS	36	35	1	1	3%
DESIGN, ENGINEERING & CONSTRUCTION MGMT	198	179	19	9	10%
EXECUTIVE (INC SQA, DIV, P&C, Board & HR)	86.5	79.5	7	4	8%
FINANCE AND INFORMATION TECHNOLOGY	115.5	105.5	11	5	10%
LEGAL	15	14	1	1	7%
OPERATIONS	90	87	3	3	3%
PLANNING, ENVIRONMENT & PROJECT DEVELOPMENT	41	41	0	0	0%
<b>AGENCY TOTAL</b>	<b>582</b>	<b>541</b>	<b>42</b>	<b>23</b>	<b>7%</b>

<u>YEAR TO DATE STATISTICS</u>		Women	Minority
New Hires	60	23/38%	7/20%
Interns	7	3/43%	3/43%
Internal Moves	19	6/32%	3/16%
Terminations	23	7/30%	6/32%
Average Days to Fill Position: 46			

# Staffing Summary



<b>Budgeted Positions: Hiring Process Underway</b>			
Pos #	Department	Division	Title
1472	DECM	Systems Engineering & Integration	Senior Mechanical Engineer
1379	DECM	Project Control	Project Control Coordinator
TBD	DECM	Project Control	Value Engineering Manager
1234	DECM	Civil & Structural Design	Senior Civil Engineer
1673	DECM	Construction Management	Senior Project Coordinator
1207	DECM	Civil & Structural Design	Director, Civil and Structural Design
1607	DECM	Construction Management	Deputy Construction Manager - DECM
1411	DECM	Construction Management	Construction Manager- DECM
1688	DECM	Construction Management	Principal Construction Manager- North Link
1569	DECM	DECM Directors Office	<i>Chief of Staff</i>
1008	DECM	DECM Directors Office	Deputy Exec Director Proj & Const Mgmt
1192	EXE	Safety	Chief Safety Officer
1705	FIT	Information Technology	IT Support Specialist
1704	FIT	Information Technology	Senior Systems Engineer Scada
1022	FIT	Information Technology	Senior IT Systems Engineer
1152	FIT	Information Technology	Chief Information Officer
1368	FIT	Information Technology	Senior Business Analyst**
1461	EXE	Diversity	Project Labor Agreement Manager
1499	OPS	Facilities Maintenance	Facilities Specialist
1476	OPS	Facilities Maintenance	Facilities and Asset Control Director
1702	FIT	Risk	Administrative Specialist
1101	EXE	Human Resources	HRIS & Talent Support Specialist
<b>Budgeted Positions: Pending</b>			
OPEN	DECM	Systems Engineering & Integration	Corridor Design Manager- Systems- South Link
OPEN	DECM	DECM Directors Office	Project Coordinator
1681	DECM	DECM Directors Office	Project Coordinator

**Budgeted Positions: Hiring Process Underway (continued)**

Pos #	Department	Division	Title
1106	DECM	DECM Directors Office	Executive Assistant
1047	DECM	Sounder & ST Express	Project Manager
1592	DECM	Civil & Structural Design	Structural Engineer
1473	DECM	Architecture & Art	Architect
1682	DECM	Systems Engineering & Integration	Control Systems Engineer
1624	DECM	Real Property	Senior Real Property Agent
1689	DECM	Construction Management	Construction Manager - South Link
1681	DECM	North Link	Project Coordinator
Open	DECM	East Link	Project Coordinator
1690	EXE	Procurement & Contracts	Senior Construction Contracts Specialist #1
1680	EXE	Safety	Construction Safety Specialist
1173	FIT	Budget	Senior Financial Analyst
1653	CEA	Customer OutReach	Customer Outreach Coordinator-